

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of David R. Milich and Jean-Noel Billaud for **Human Hepatitis B Virus Core Proteins As Vaccine Platforms And Methods Of Use Thereof**.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **July 30, 2003** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EV 329 476 681 US** addressed to: **MS Patent Application**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Karen Webber



1. **Type Of Application**  
This new application is for a(n)  
☒ Original (nonprovisional)
2. **Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application**  
111 Pages of Specification  
4 Pages of Claims  
1 Page of Abstract  
42 Sheets of Formal Drawings
3. **Declaration**  
☒ Enclosed  
☒ Unexecuted.
4. **Inventorship Statement**  
The inventorship for all the claims in this application is:  
☒ the same
5. **Language**  
☒ English
6. **Assignment**  
☒ An assignment of the invention to **Vaccine Research Institute of San Diego** is attached.  
☒ Form PTO-1595 will follow.
7. **Fee Calculation (37 C.F.R. § 1.16)**  
☒ Regular application

CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$750.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	30 - 20 =	10 × \$18.00 =	\$180.00
Independent Claims (37 C.F.R. § 1.16(b))	4 - 3 =	1 × \$84.00 =	\$84.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))	+ \$280.00 =		\$0.00
Filing Fee Calculation			\$1014.00

8. **Small Entity Statement(s)**  
☒ Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27.  
Filing Fee Calculation (50% of above) \$507.00

9. **Fee Payment Being Made At This Time**

<input checked="" type="checkbox"/>	Enclosed	
<input checked="" type="checkbox"/>	basic filing fee	\$507.00
<b>Total Fees Enclosed</b>		<b>\$507.00</b>

10. **Method of Payment of Fees**

☒ Check in the amount of \$507.00

11. **Authorization To Charge Additional Fees and Credit Overpayment**

☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

12. **Power of Attorney by Assignee**

☒ Enclosed

13. **Return Receipt Postcard**

☒ Enclosed

Dated: July 30, 2003



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☒ **Statement Where No Further Pages Added**

☒ This transmittal ends with this page.